



PTO/SB/08a/b (07-05)

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Substitute for form 1449A/B/PTO  <b>SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/006593
				Filing Date	December 5, 2001
				First Named Inventor	Katherine S. Bowdish
				Art Unit	1643
				Examiner Name	P. K. Tungaturthi
Sheet	1	of	1	Attorney Docket Number	ALEX-P01-054

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
PT	BB	EP-1642910A	04-05-2006	Alexion Pharmaceuticals		
I	BC	WO-02/46238A	06-13-2002	Alexion Pharmaceuticals		

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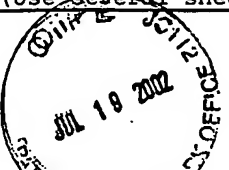
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
PT	CK	JOHNSON et al., "Erythropoietin mimetic peptide and the future," Nephrology Dialysis Transplantation, 15:1274-1277(2000).			
	CL	Li et al., "Expression of TPO mimetic peptide chimeric proteins with human IgG1 Fc fragments and their biological characters," Sheng Wu Gong Cheng Xue Bao = Chinese Journal of Biotechnology, 18(4):424-430(2002).			
	CM	Supplementary European Search Report from Application No. EP03786822, dated June 21, 2006.			

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Examiner Signature	/Parithosh K Tungaturthi/	Date Considered	10/13/2006
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.  54	SERIAL NO. 106593
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	<p style="text-align: center;">ATTACH TO #9</p>	
(Use several sheets if necessary)	APPLICANT Bowdish et al.	<p style="text-align: center;">JUL 29 2002</p> <p style="text-align: center;">RECEIVED</p>
	FILING DATE December 5, 2001	GROSS Art Unit 1645

## U.S. PATENT DOCUMENT

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LA	4 6 4 2 3 3 4	2/10/87	Moore et al.	530	588	
	4 8 1 6 3 9 7	3/28/89	Boss et al.	435	48	
	5 1 1 6 9 6 4	5/26/92	Capon et al.	536	27	
	5 4 2 8 1 3 0	6/27/95	Capon et al.	530	350	
	5 5 9 8 4 3 5	12/16/97	Robinson et al.	435	240	
	5 8 7 4 2 5 3	2/23/99	Tsujimoto et al.	435	69.4	
	5 8 7 6 9 6 1	3/2/99	Crowe et al.	435	69.1	
	5 9 1 9 7 5 8	7/6/99	Sytkowski	514	8	
	5 9 3 2 5 4 6	8/3/99	Barrett et al.	514	14	
LA	6 0 4 0 1 3 6	3/21/00	Garrard et al.	435	5	

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PT	Steven E. Cwirla et, al. "Peptide Agonist of the Thrombopoietin Receptor as Potent as the Natural Cytokine". June 13, 1997. Science- Vol. 276 pp. 1696-1699.
	Erkki Koivunent et, al. "Selection of Peptides Binding to the 5b1 Integrin from Phage Display Library". September 25, 1993. The J. of Biological Chemistry. Vol. 268, No. 27, pp. 20205-20210.
	Erkki Koivunent et, al. "Phage Libraries Displaying Cylic peptides with Different Ring Sizes: Ligand Specificities of the RDG-Directed Integrins". BIO/TECHNOLOGY Vol. 13 March 1995 pp. 265-270
	Judith M. Healy et, al. "Peptide Ligands for Integrin avb3 Selected from Random Phage Display Libraries". January 13, 1995 Biochemistry Vol. 34, No. 12, 1995. pp. 3948-3955.

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	FILING DATE December 5, 2001	GROUP Art Unit: 1645

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MP	5 5 9 8 4 3 5	1/28/97	Williams et al.	379	26.1	
	6 1 7 2 1 9 7	1/9/01	McCafferty et al.	530	387.3	
	5 9 6 9 1 0 8	10/19/99	McCafferty et al.	530	387.3	
	5 2 2 3 4 0 9	6/29/93	Ladner et al.	435	69.1	
	5 8 3 7 5 0 0	11/17/98	Ladner et al.	435	69.7	
	5 5 7 1 6 9 8	11/5/96	Ladner et al.	435	69.7	
LM	5 7 5 0 3 7 3	5/12/98	Garrard et al.	435	69.4	

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PT	Shana M. Barbas et,al. "Regonition of DNA by Synthetic Antibodies". November 10,1993. J. AM. Chem. Soc., Vol.116, No.5. pp. 2161-2162.
	Shana M. Barbas et,al. "Human autoantibody reconition of DNA". March 1995. Proc. Natl. Acad. Sci. USA. Vol 92, pp.2529-2533
	Thomas A. Kunel. "Rapid and efficient site-specific mutagenesis without phenotypic selection". January 1985. Proc. Natl. Acad. Sci. USA Vol.82, pp.488-492.
	Su-jun Deng et,al. "Synthetic Antibody Gene Libraries for In Vitro Affinity Maturation". 1995, Methods in Molecular Biolog, Vol.51: Antibody Engineering Protcols. Pp.329-342.

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LH	4 7 8 3 3 3 0	11/8/88	Furie et al.	424	153	
	5 2 1 9 9 9 6	6/5/93	Bodmer et al.	530	387.3	
	5 9 6 5 4 0 5	10/12/99	Winter et al.	435	69.6	
	5 8 6 9 4 5 1	2/9/99	Dower et al.	614	VB	
	6 0 0 8 0 2 3	12/28/99	Oppen et al.	435	69.7	

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PT		Timo Hiltunen et,al. "Assembly of Humanized Antibody Genes from Synthetic Oligonucleotides Using a Single-Round PCR". March 10,1994. BioTechniques Vol.17, No.2.
		Xu-Bao Shi et,al. "Rapid PCR Construction of a Gene Containing Lym-1 Antibody Variable Regions". August, 1993. PCR Methods-And-Applications Vol.3, No.1. pp. 46-53.
		Achim Knappik et,al. "Fully Sythetic Human Combinatorial Antibody Libraries (HuCAL) Based on Modular Consensus Frameworks and CDR's Randomized with Trinucleotides". J. Mol. Biol.(2000). 296. pp.57-86.
		Carlos F. Barbas III et,al. "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site". September 1991. Proc. Natl. Acad. Sci. USA Biochemistry. Vol. 88, pp. 7978-7982.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Bowdish et al.	<b>RECEIVED</b> <b>JUL 20 2006</b> <b>TECH CENTER 1600/2006</b> GROUP Art Unit: 1609
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<i>MA</i>	6	0	0	8	0	2	3	12/28/99	Opper et al.	435	69.7	
<i>MA</i>	5	2	6	0	4	1	7	11/9/93	Grant et al.	530	351	
<i>MA</i>	5	5	9	3	6	6	6	1/14/97	McDonald	<del>424</del>	<del>85.1</del>	

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PT		Robert E. Hawkins et,al. " Selection of Phage Antibodies by Binding Affinity". April,1992. J. Mol. Biol. 226, pp.889-896.
		Alexander A. Kortt et,al. "Recombinant anti-sialidase single-chain variable fragment antibody". 1994. Eur. J. Biochem. 221, pp.151-157.
		Kaija Alfthan et,al. "Properties of a single-chain antibody containing different linker peptides". 1995. Protein Engineering Vol.8, No.7, pp.725-731.
		Dennis R. Burton et,al. "Human Antibodies from Combinatorial Libraries". 1994, Advances in Immunology, Vol.57, pp.191-280.

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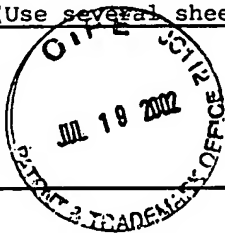
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## FOREIGN PATENT DOCUMENTS

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PT		
		Robert E. Hawkins et,al. " Selection of Phage Antibodies by Binding Affinity". April, 1992. J. Mol. Biol. 226, pp.889-896.
		Alexander A. Kortt et,al. "Recombinant anti-sialidase single-chain variable fragment antibody". 1994. Eur. J. Biochem. 221, pp.151-157.
		Kaija Alfthan et,al. "Properties of a single-chain antibody containing different linker peptides". 1995. Protein Engineering Vol.8, No.7, pp.725-731.
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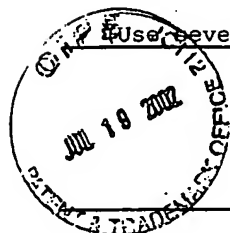
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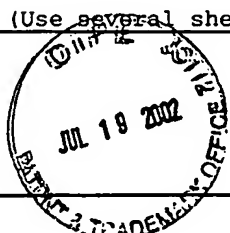
PT	DOCUMENT NUMBER	DATE	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
			Irene M. Lang et,al. "Purification of Storage Granule Protein-23". November 22,1996. The J. of Biological Chemistry. Vol. 271, No.47, pp.30126-30135.
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PT		Philipp Holliger et,al. "Engineering bispecific antibodies". 1993, Biotechnology, Vol.4, pp.446-449.
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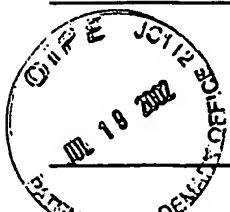
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		Paul Carter et, al. "High Level Escherichia Coli Expression and Production of a Bivalent Humanized Antibody Fragment". February 1992, BIO/TECHNOLOGY Vol. 10, pp. 163-167.
		Iphigenia Leonidou Koumenis et, al. "Modulating pharmacokinetics of an anti-interleukin-8F(ab') <sub>2</sub> by amine-specific PEGylation with preserved bioactivity". International J. of Pharmaceutics (2000), Vol. 198, pp. 83-95.
		Marc Better et, al. "Potent anti-CD5 ricin A chain immunoconjugates from bacterially produced Fab' and F(ab') <sub>2</sub> ". January 1993, Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 457-461, Immunology.

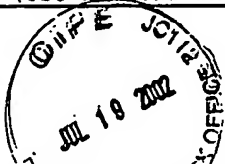
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		Toshio Kitamura et,al. "Establishment and Characterization of a Unique Human Cell Line That Proliferates Dependently on GM-CSF, IL-3, or Erythropoietin" February 28,1989, J. of Cellular Physiology Vol.140 pp.323-334.
		Bruce A. Witthuhn et,al. "JAK2 Associates with the Erthropoietin Receptor and Is Tyrosine Phosphorylated and Activated following Stimulation with Erythropoien". July 30,1993, Cell, Vol.74, pp.227-236.

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PT		Tim Mosmann "Rapid Colorimetric Assay for Cellular Growth and Survival: Application to Proliferation and Cytotoxicity Assays". (1983) J. of Immunological Methods". Vol.63, pp.5563.
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.  54	SERIAL NO. 1056,593
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	APPLICANT Bowdish et al.	RECEIVED JUL 29 2002 PCH CENTER 1800/2009
	FILING DATE December 5, 2001	GROUP Art Unit 1645

U.S. PATENT DOCUMENT							FILING DATE IF APPROPRIATE
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION

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PT		
		Maria A. DeBernardi et,al. "Single cell Ca <sup>2+</sup> /cAMP cross-talk monitored by simultaneous Ca <sup>2+</sup> /cAMP fluorescence ratio imaging". May 1996, Proc. Natl. Acad. Sci. USA, Vol.93, pp.4577-4582, Cell Biology.
		James N. Ihle et,al. "Signaling Through the Hematopoietic Cytokine Receptors". (1995), Annu. Rev. Immunology, Vol.13, pp.369-398.
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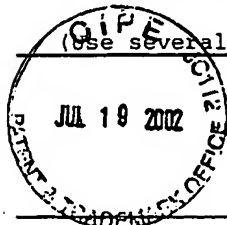
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION

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			John J. Trill et,al. "Production of monoclonal antibodies in COS and CHO cells". (1995), Current Opinion in Biotechnology, Vol.6 pp.553-560.
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PT	5 7 7 3 5 6 9	06/30/1998	Wrighton et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PT	0 0 2 4 7 8 2	05/04/2000	WO				
	0 0 6 1 6 3 7	10/19/2000	WO				
	9 9 1 0 4 9 4	03/04/1999	WO				
	9 9 2 5 3 7 8	05/27/1999	WO				
	9 6 4 0 1 8 9	12/19/1996	WO				
	9 5 1 1 3 1 7	04/27/1995	WO				
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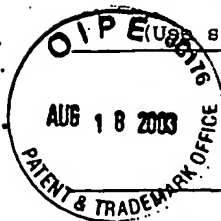
Bowdish et al.

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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Substitute for form 1449A/B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/006593	
			Filing Date	December 5, 2001	
			First Named Inventor	Katherine S. Bowdish	
			Art Unit	1643	
			Examiner Name	P. K. Tungaturthi	
Sheet	1	of	21	Attorney Docket Number	ALEX-P01-054

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PKT	AB	US-6,162,902	12/2000	Mischak et al.	
	AC	US-2003/0162710	08/2003	Sudoh et al.	
	AD	US-6,877,124	01/2004	Tsuji et al.	
	AE	US-6,936,440	08/2005	Cunningham et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>	
PKT	CD	Clemens et al. "Human Brain Natriuretic Peptide Reduces Blood Pressure in Normotensive and Acute Norepinephrine-Induced Hypertensive Rabbits" American Journal of Hypertension 10:654-661 (1997)		
	CE	De Serres et al., "Pharmacokinetics and Hematological Effects of the PEGylated Thrombopoietin Peptide Mimetic GW395058 in Rats and Monkeys After Intravenous or Subcutaneous Administration," Stem Cells, 17(6):316-326 (1999).		
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	CI	Rayburn et al., "Nesiritide: A Unique Therapeutic Cardiac Peptide," Reviews in Cardiovascular Medicine, 2(2):S25-S31 (2001).		
	CJ	Roch et al., "Altered methional homeostasis is associated with decreased apoptosis in BAF3 bcl2 murine lymphoid cells," Biochem, 313:973-981 (1996).		

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Examiner Signature	P. K. Tungaturthi	Date Considered	10/16/2006
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